

7m



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/824,262	04/02/2001	Jacklyn M. Dowdy	10004864-1	1534

7590 11/04/2004

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, CO 80527-2400

EXAMINER

MILIA, MARK R

ART UNIT PAPER NUMBER

2622

DATE MAILED: 11/04/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/824,262	Applicant(s) DOWDY, JACKLYN M.	
	Examiner Mark R. Milia	Art Unit 2622	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 02 April 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>3/14/03</u> | 6) <input type="checkbox"/> Other: ____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-20 are rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Patent No. 5821929 to Shimizu et al. cited on Information Disclosure Statement dated March 17, 2003.

Regarding claim 1, Shimizu discloses a document management system comprising: (a) an imaging device configured to create an image of a document (see column 9 lines 6-8 and 30-31), a keyword identifier configured to identify at least one keyword in the document image (see Fig. 12), a document labeler configured to generate a document name from the at least one keyword (see column 19 lines 1-5), and (d) a storage system configured to store the document image with the document name (see column 19 lines 50-61).

Regarding claim 8, Shimizu discloses a document management method comprising: (a) creating an image of a document (see column 1 lines 10-14, column 9 lines 30-31, column 10 lines 5-9, and column 19 lines 56-61), (b) identifying at least one keyword in the document image (see column 12 lines 41-49), (c) generating a document

name from the at least one keyword (see column 19 lines 1-5), and (d) storing the document image with the document name (see column 19 lines 50-61).

Regarding claim 15, Shimizu discloses a program storage device readable by a computer (see Fig.1 and column 9 lines 4-34, reference shows a CPU with ROM and RAM which is capable of storing data that would be readable by a computer), the method steps comprising: (a) creating an image of a document (see column 1 lines 10-14, column 9 lines 30-31, column 10 lines 5-9, and column 19 lines 56-61), (b) identifying at least one keyword in the document image (see column 12 lines 41-49), (c) generating a document name from the at least one keyword (see column 19 lines 1-5), and (d) storing the document image with the document name (see column 19 lines 50-61).

Regarding claims 2, 9, and 16, Shimizu discloses the system discussed above in claims 1, 8, and 15, and further discloses wherein the keyword identifier includes an optical character recognizer configured to recognize characters in the document image (see Fig. 12 and column 12 lines 41-46).

Regarding claims 3, 10, and 17, Shimizu discloses the system discussed above in claims 2, 9, and 16, and further discloses wherein the keyword identifier includes a word detector configured to detect words from characters recognized in the document image (see column 9 lines 13-15).

Regarding claims 4, 11, and 18, Shimizu discloses the system discussed above in claims 1, 8, and 15, and further discloses wherein the keyword identifier includes a

Art Unit: 2622

field locator configured to locate keyword fields in the document image (see Figs. 9 and 10 and column 12 line 60-column 13 line 3).

Regarding claim 5, Shimizu discloses the system discussed above in claim 1, and further discloses wherein the storage system includes a document storage device (see Fig. 58).

Regarding claim 6, Shimizu discloses the system discussed above in claim 1, and further discloses wherein the storage system includes a file system (see Fig. 2 and column 10 lines 1-4).

Regarding claims 7 and 14, Shimizu discloses the system discussed above in claims 1 and 8, and further discloses wherein the storage system includes a database (see Fig. 12 and column 12 lines 47-49).

Regarding claims 12 and 19, Shimizu discloses the system discussed above in claims 11 and 18, and further discloses wherein locating keyword fields includes: (a) detecting a field indicator within the document image (see column 12 line 60-column 13 line 3), and (b) locating the keyword fields relative to the field indicator (see column 12 line 60-column 13 line 3).

Regarding claims 13 and 20, Shimizu discloses the system discussed above in claims 11 and 18, and further discloses wherein locating keyword fields includes searching for the keyword fields in a selected location of the document image (see column 12 line 60-column 13 line 3).

Art Unit: 2622

Conclusion


2. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. To further show state of the art refer to U.S. Patent numbers 6625335 (Kanai), 6704118, 6665086, and 5978477 (Hull et al.), 6697165 (Wakai et al.), 6658151 (Lee et al.), 6529918 (Takahashi), 6243501 (Jamali), and 5892843 (Zhou et al.).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark R. Milia whose telephone number is (703) 305-1900. The examiner can normally be reached M-F 8:00am-4:00pm.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Coles can be reached at (703) 305-4712. The fax number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Mark R. Milia
Examiner
Art Unit 2622


EDWARD COLES
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER

MRM


JOSEPH R. POKRZYWA
EXAMINER
ART UNIT 2622